

SEQUENCE LISTING

<110> Charles A. Nicolette

<120> COMPOUNDS FOR THERAPY AND DIAGNOSIS AND
METHODS FOR USING SAME

<130> GZ 2101.20

<140> Unassigned

<141> 2001-12-06

<160> 11

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1280

<212> DNA

<213> Homo sapiens

<400> 1

gaaagatggc gtcccgcaag gaaggtaaccg gctctactgc caccctttcc agctccaccg 60
ccggcgcagc agggaaaggc aaaggcaaag gcccgtcggtt agattcagcc gtgaagcaag 120
tgcagataga tggccttggt gtattaaaga taatcaaaca ttatcaagaa gaaggacaag 180
gaactgaagt tggtaaggaa gtgcctttggt gtcgtgggtt gaaagatcggtt cttgaaattt 240
ccaactgttt ctcctttccctt cagcacacag aggatgtatgc tgactttgtt gaagtccaat 300
atcagatggaa aatgtatgcgg agccttcggcc atgttaaacat tgatcatctt cacgtggcgtt 360
gttacatgttc cacatacatat ggctcattcg ttacccgggc actcctggac ttcagtttta 420
gttaccagca tgccattgaa gaatctgtcg ttctcatttta tgatccataaaaactgtcccc 480
aaggatctct ctcaactaaag gcatacagac tgactcctaa actgtatggaa gtttgtaaag 540
aaaaggattt ttcccttgaa gcattgaaaaa aagcaaatat caccctttag tacatgtttt 600
aagaagtgc gattgtattt aaaaattcac atctgtatcaa tgtcctaattt tggttaacttt 660
aaaagaagtgc agctgttgca gataaacatg aattgtctcaag ccttggccagg agcaatcattt 720
tggggaaagaa ttcatcatttgc ctgtatggaca gagtggatgaa aatgagccaa gatatagttta 780
aatacaacac atacatgagg aataactatgaa aacaacagca gcagaaacat cagtatcagc 840
agcgtcgcca gcaggagaat atgcagcgcc agagccgagg agaaccggc cttcccttgagg 900
aggacctgtc caaactcttc aaaccaccac accgcctgc caggatggac tcgctgctca 960
ttgcaggcca gataaacact tactgccaga acatcaagga gttcactgccc caaaacttag 1020
gcaagcttctt catggcccaag gctcttcaag aataacaacaa ctaagaaaag gaagtttcca 1080
gaaaagaagt taacatgaac tcttgaagtc acaccaggc aactcttggaa agaaaatataat 1140
ttgcatatttggaaaagcacag aggattttttt tagtgttcaattt gccgattttt gctataacag 1200
tgtctttctta ggcataataaa aataaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa 1260
aaaaaaaaaaa aaaaaaaaaaaa 1280

<210> 2

<211> 352

<212> PRT

<213> Homo sapiens

<400> 2

Met Ala Ser Arg Lys Glu Gly Thr Gly Ser Thr Ala Thr Ser Ser Ser
1 5 10 15

Ser Thr Ala Gly Ala Ala Gly Lys Gly Lys Gly Lys Gly Ser Gly
20 25 30

Asp Ser Ala Val Lys Gln Val Gln Ile Asp Gly Leu Val Val Leu Lys
35 40 45

Ile Ile Lys His Tyr Gln Glu Glu Gly Gln Gly Thr Glu Val Val Gln
50 55 60

Gly Val Leu Leu Gly Leu Val Val Glu Asp Arg Leu Glu Ile Thr Asn
65 70 75 80

Cys Phe Pro Phe Pro Gln His Thr Glu Asp Asp Ala Asp Phe Asp Glu
85 90 95

Val Gln Tyr Gln Met Glu Met Met Arg Ser Leu Arg His Val Asn Ile
100 105 110

Asp His Leu His Val Gly Trp Tyr Gln Ser Thr Tyr Tyr Gly Ser Phe
115 120 125

Val Thr Arg Ala Leu Leu Asp Ser Gln Phe Ser Tyr Gln His Ala Ile
130 135 140
Glu Glu Ser Val Val Leu Ile Tyr Asp Pro Ile Lys Thr Ala Gln Gly
145 150 155 160
Ser Leu Ser Leu Lys Ala Tyr Arg Leu Thr Pro Lys Leu Met Glu Val
165 170 175
Cys Lys Glu Lys Asp Phe Ser Pro Glu Ala Leu Lys Lys Ala Asn Ile
180 185 190
Thr Phe Glu Tyr Met Phe Glu Glu Val Pro Ile Val Ile Lys Asn Ser
195 200 205
His Leu Ile Asn Val Leu Met Trp Glu Leu Glu Lys Lys Ser Ala Val
210 215 220
Ala Asp Lys His Glu Leu Leu Ser Leu Ala Ser Ser Asn His Leu Gly
225 230 235 240
Lys Asn Leu Gln Leu Leu Met Asp Arg Val Asp Glu Met Ser Gln Asp
245 250 255
Ile Val Lys Tyr Asn Thr Tyr Met Arg Asn Thr Ser Lys Gln Gln Gln
260 265 270
Gln Lys His Gln Tyr Gln Gln Arg Arg Gln Gln Glu Asn Met Gln Arg
275 280 285
Gln Ser Arg Gly Glu Pro Pro Leu Pro Glu Glu Asp Leu Ser Lys Leu
290 295 300
Phe Lys Pro Pro Gln Pro Pro Ala Arg Met Asp Ser Leu Leu Ile Ala
305 310 315 320
Gly Gln Ile Asn Thr Tyr Cys Gln Asn Ile Lys Glu Phe Thr Ala Gln
325 330 335
Asn Leu Gly Lys Leu Phe Met Ala Gln Ala Leu Gln Glu Tyr Asn Asn
340 345 350

<210> 3
<211> 9
<212> PRT
<213> Homo sapiens

<400> 3
Phe Leu Gln Leu Leu Met Glu Pro Val
1 5

<210> 4
<211> 27
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> 6, 10, 12, 13, 15, 24, 27
<223> n = A,T,C or G

<400> 4
ttyytncarn tnntnatgga rccngtn

27

<210> 5
<211> 9
<212> PRT
<213> Homo sapiens

<400> 5
Phe Leu Gln Leu Glu Phe Asp Ala Val
1 5

<210> 6
<211> 27
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
<222> 6, 10, 12, 24, 27
<223> n = A,T,C or G

<400> 6
ttyytnccarn tngarttyga ygcngrn

27

<210> 7
<211> 9
<212> PRT
<213> Homo sapiens

<400> 7
Phe Leu Trp Phe Glu Ile Asp Ile Val
1 5

<210> 8
<211> 27
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> 6, 27
<223> n = A,T,C or G

<400> 8
ttyytnntggc tygarathga yathgtn

27

<210> 9
<211> 9
<212> PRT
<213> Homo sapiens

<400> 9
Phe Leu Ser Tyr Asp Leu Phe Val Val
1 5

<210> 10
<211> 27
<212> DNA
<213> 10

<220>
<221> misc_feature
<222> 6, 9, 18, 24, 27
<223> n = A,T,C or G

<400> 10
ttyytnwsnt ayygaytntt ygtngtn

27

<210> 11
<211> 9
<212> PRT
<213> Homo sapiens

<400> 11
Asn Leu Gln Leu Leu Met Asp Arg Val
1 5